

# Western Blot of Flk-1/SEAPS Immunoprecipitation with MAb DC101

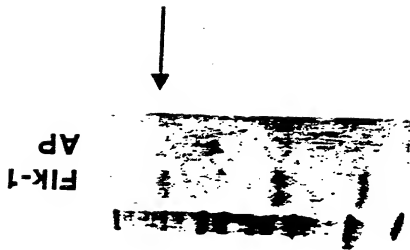
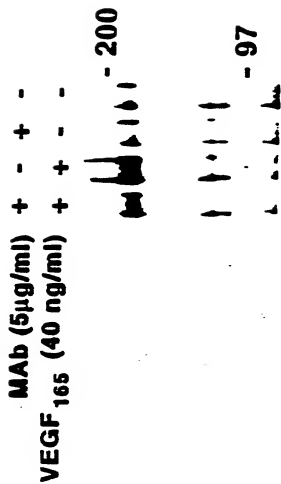


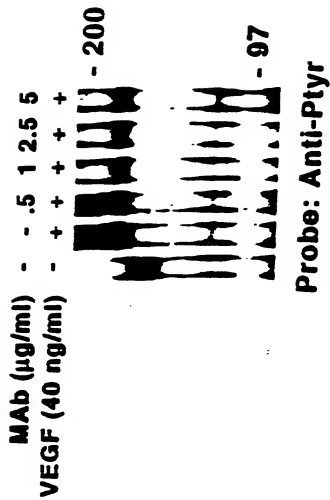
Figure 1

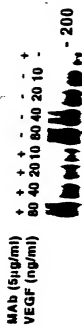
**Figure 2a**



**Probe: Anti-Ptyr**

**Figure 2b**





Anti-pTyr

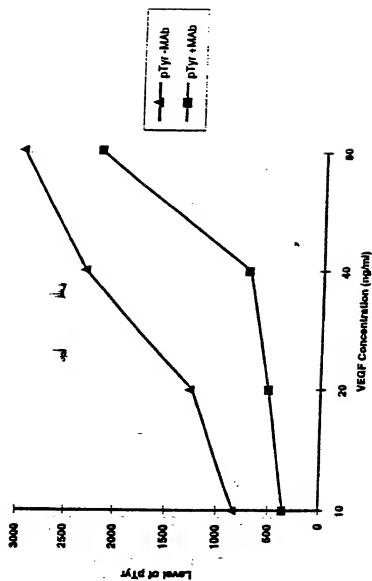
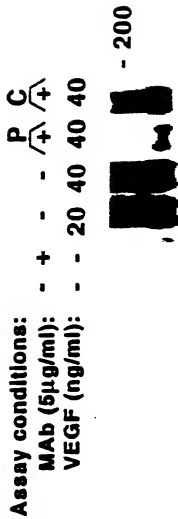


Figure 3

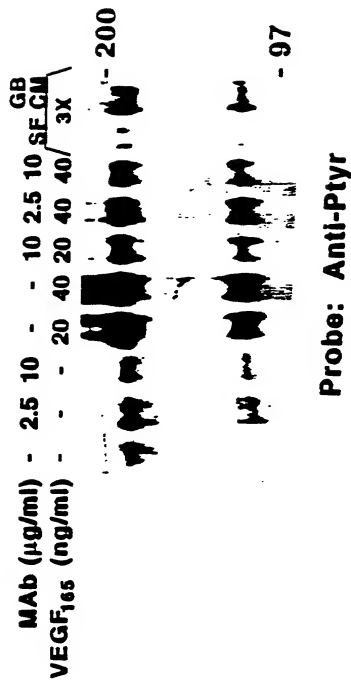
# Inhibition of VEGF-Fik-1/fms activation by prebound MAb DC101



Probe: Anti-Ptyr

Assay conditions: P: MAb prebound 15'; VEGF 15'  
C: Competitive assay; MAb + VEGF 15'

Figure 4

**Figure 5**

# FACS Analysis of Anti-flk-1 MAb Binding to flk-1/fms Transfected 3T3 Cells (C441)

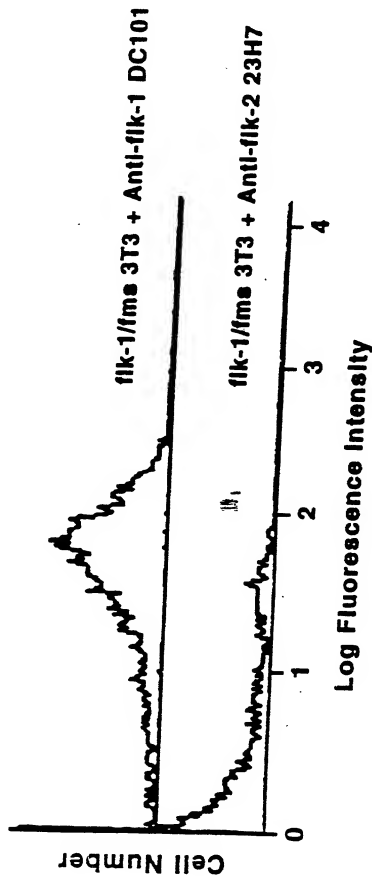
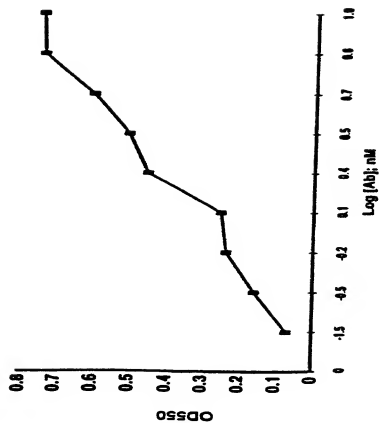


Figure 6

**Saturation Binding of MAb DC101 to the  
Flk-1/fms Receptor on the Transfected 3T3 Cell Line C441**



**Figure 7**



# Immunoprecipitation of phosphorylated flk-1/fms from VEGF stimulated flk-1/fms transfected 3T3 cells.

Antibody: 1 2 3 4

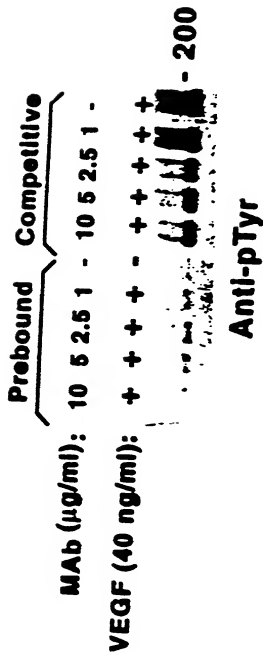
 - 200

Anti-pTyr

- Antibodies: 1) Rat anti-flk-2 IgG<sub>2a</sub> 2A13  
2) Rat anti-flk-1 IgG<sub>1</sub> DC101  
3) Rat anti-flk-2 IgG<sub>1</sub> 23H7  
4) Rabbit anti-fms polyclonal IM 133

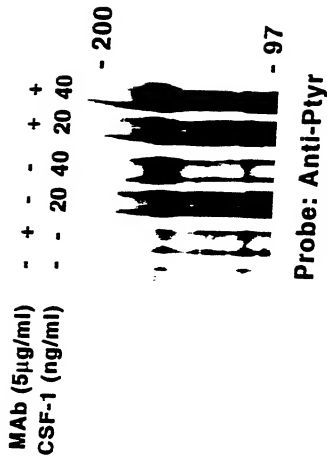
Figure 8

**Sensitivity of VEGF induced phosphorylation of the  
Flk-1/fms receptor to inhibition by MAb DC101**



**Figure 9**

**Effect of MAb DC101 on CSF-1 induced  
phosphorylation of the FMS receptor.**



**Figure 10**

# Specificity of MAb DC101 neutralization of the activated flk-1/fms receptor

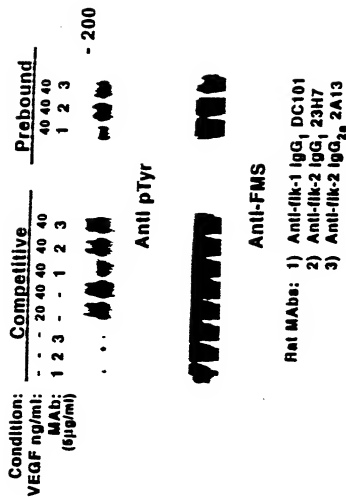


Figure 11

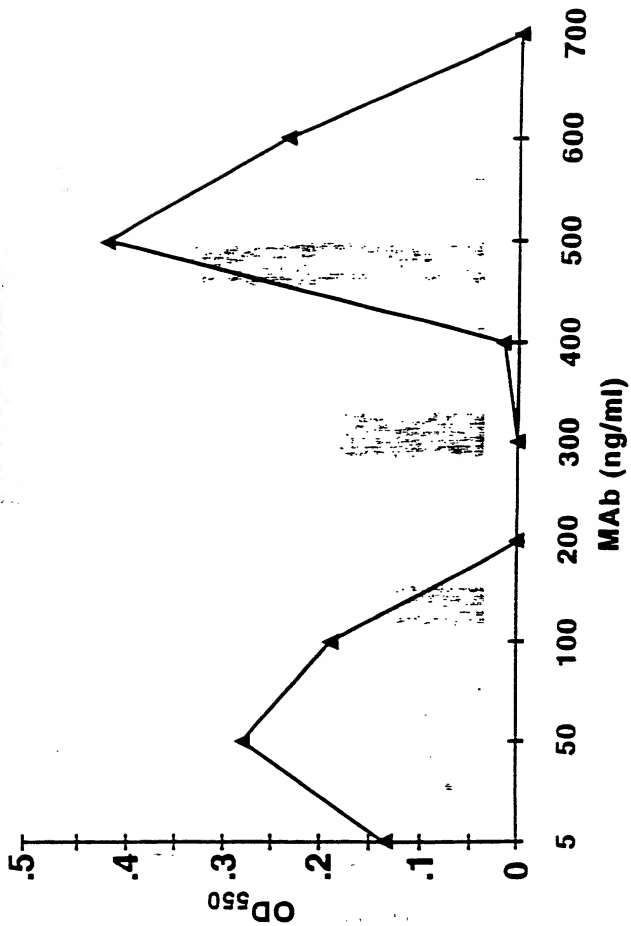


Figure 12

# Immunoprecipitation of phosphorylated receptor bands from VEGF stimulated HUVEC cells

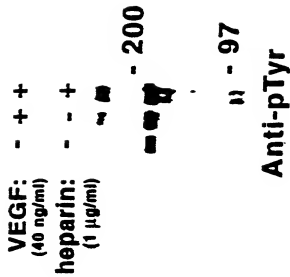


Figure 13

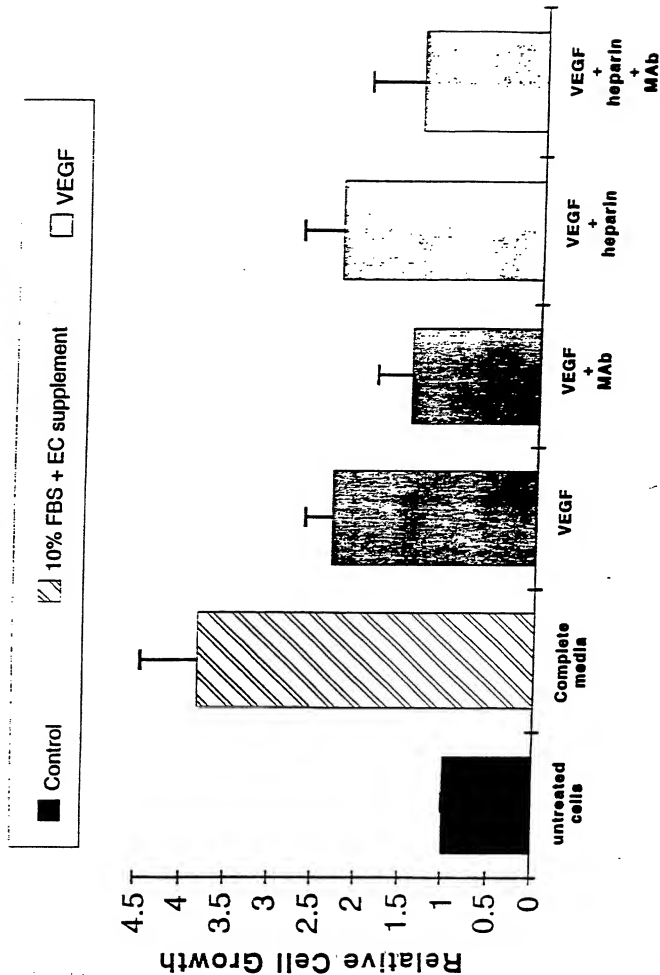
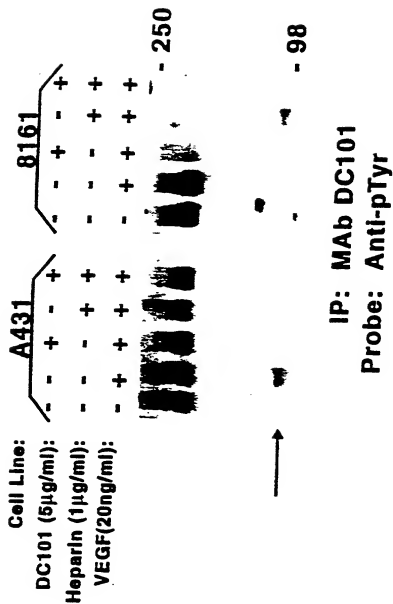


Figure 14

# **Effect of MAb DC101 on VEGF Receptor Forms in the Tumor Cell Lines A431 and 8161**



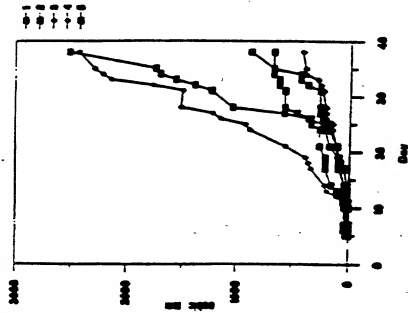
**Figure 15**



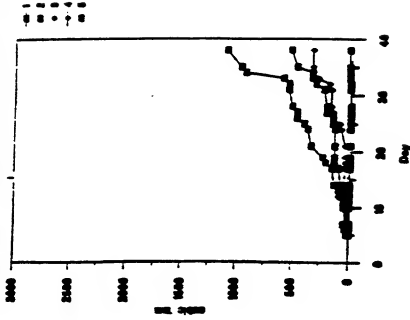
**Figure 16**

204060-11206001

**Treatment of Glioblastoma  
Xenografts with Rat anti-flk-2 MAb**



**Treatment of Glioblastoma  
Xenografts with Rat anti-Flk-1 MAb**



**Statistical Analysis:**

**Flk-1 slope = 16.09**

**Flk-2 slope = 37.39**

**p value for Flk-1 versus Flk-2 tumor size = 0.0001**

Figure 17

